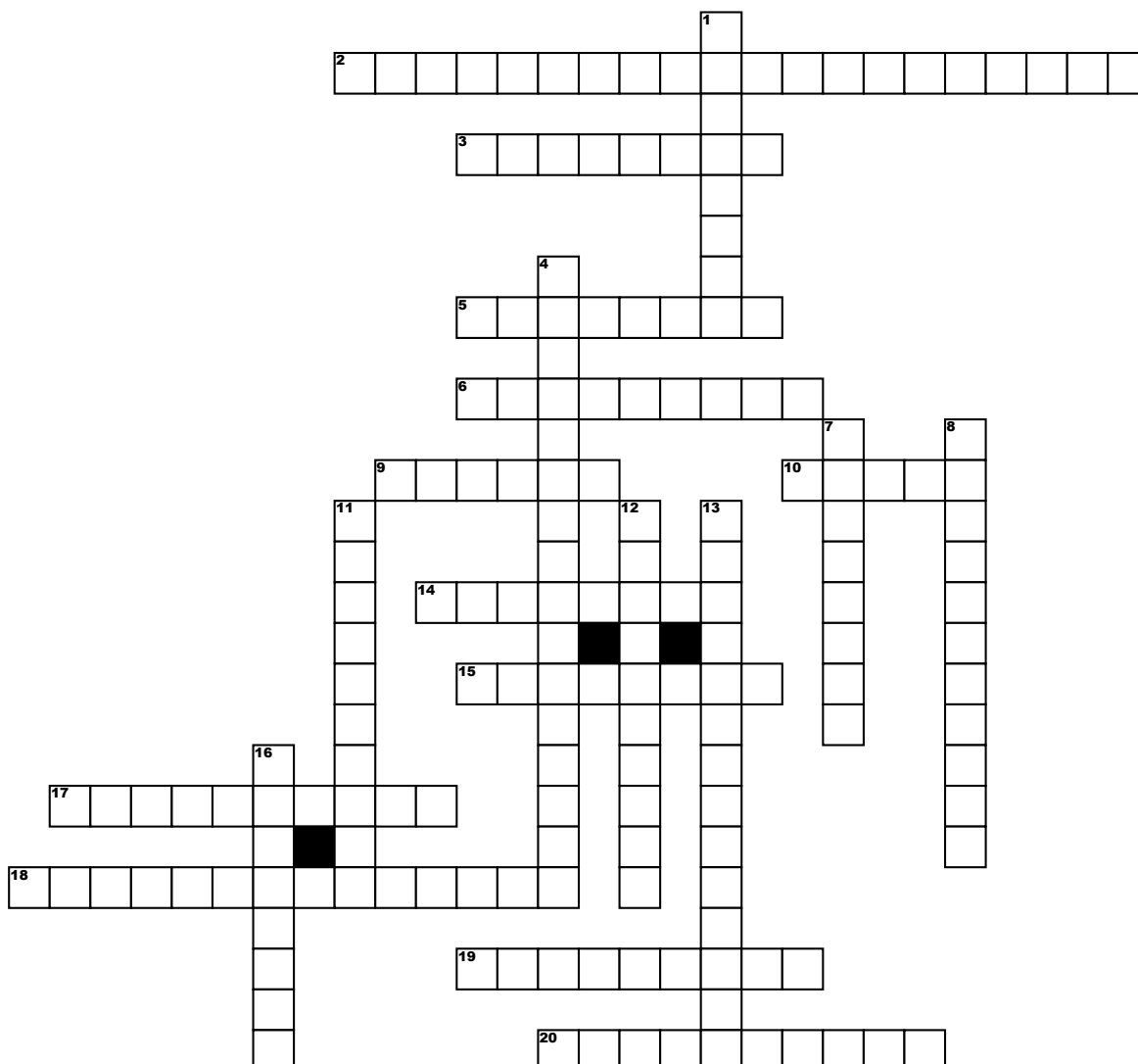


Name: _____ Date: _____ Period: _____

algebra vocab crossword



Across

2. For any real numbers a , b , and x , $x(a + b) = ax + bx$.

3. The relationship between two sets of numbers in which each element of one set has one assigned element in the other set. See Pattern

5. An unknown number usually represented by a letter.

6. A function that creates a parabola

9. The set of values of the independent variable(s) for which a function or relation is defined. Typically, this is the set of x -values

10. The set of possible values which a function's output can be. Given the function $\{(1, 5), (2, 10), (13, 15), (4, 20)\}$ its range is $\{5, 10, 15, 20\}$.

14. A math sentence that contains an equal sign

15. an expression that can be a constant, a variable, or a product of a constant and one or more variable. Each of the following is a monomial.

17. A sentence that states one expression is greater than or equal to, less than, less than or equal to another expression. Integers

18. A real number that can be expressed as a ratio of two integers.

19. a polynomial with three unlike terms.

20. Sum and/or difference of terms: example: $3x - 2$ and $4x^2 - 5x + 3$ A polynomial with two terms is a binomial. A polynomial with three terms is a trinomial

Down

1. an expression consisting of two terms, such as $2x + 5y$ or $7x^2 + 4$

4. A real number that can not be expressed as a ratio of two numbers

7. Two lines that have the same slope

8. All rational and irrational numbers.

11. A collection of numbers, symbols, and/or operation signs that stands for a number.

12. an application of the distributive property used to multiply two binomials. The product of the two binomials is found by multiplying the First, Outer, Inner, and Last terms.

13. An algebraic equation in which the variable quantify or quantities are in the first power and the graph is a straight line

16. A "U-shaped" graph created from a quadratic function.